

DO NOT ENTER: /JER/

Attorney Docket No. **JIB-1571**

05/27/2010

## AMENDMENTS TO THE SPECIFICATION

Please replace SEQ ID NOS 2-4 on page 11 with the following:

SEQ ID NO: 2    ~~ENGILRKWISRFDVWPYLY~~    *Zea mays* SuSy1 367-381

SEQ ID NO: 3    ~~ENGIVRKWISRFEVWPYLY~~    *Zea mays* SuSy2 375-389

SEQ ID NO: 4    ~~ENGILKKWISRFDVWPYLY~~    *Zea mays* SuSy3

Please replace paragraph [013] with the following :

In one aspect, this activity may be conferred to such compounds by the presence of a shared motif described by the invention, and exemplified by the consensus sequence, Gly-Ile-X<sub>1</sub>-X<sub>2</sub>-X<sub>3</sub>-Trp-X<sub>4</sub>-X<sub>5</sub>-X<sub>6</sub>-X<sub>7</sub>-X<sub>8</sub>-X<sub>1</sub>-Trp (SEQ ID NO: X), where X<sub>1</sub> is a Val or other conservative substitution therefore, where X<sub>2</sub> is an Arg or other conservative substitution therefore, and X<sub>3</sub> to X<sub>8</sub> is any amino acid.

Please replace the last row in Table 1 on page 11 with the following row to add the sequence identifier SEQ ID NO:25:

SEQ ID NO:25			CONSENSUS	<b>E+GI++-W-----+W---</b>
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Please replace paragraph [024] with the following:

--- **Figure 3** is a series of ~~color~~ photographs of uninjected *Xenopus* blastomeres (Fig. 3A), upon injection of inactive peptides (Fig.3B), and active peptide (Fig. 3C), and microphotographs of the blastomere cleavage furrows with actin stained with rhodamine-phalloidin in uninjected